

FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
IN A DISTRIBUTED SUPPLY CHAIN ENVIRONMENT

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ABSTRACT OF THE DISCLOSURE

10 A fulfillment management system includes a database operable to store  
product availability information associated with at least one product. The fulfillment  
management system also includes one or more processors collectively operable to  
15 receive at least one component available-to-promise (ATP) request . Each component  
ATP request corresponds to a particular ATP request line-item for a desired product.  
The one or more processors are also operable to retrieve at least a portion of the  
product availability information associated with the desired product from the database  
for each component ATP request, determine an ATP response for each component  
15 ATP request using the retrieved product availability information, generate a  
component quotation for each component ATP request according to the corresponding  
ATP response, and communicate the component quotation for consolidation with  
other component quotations.

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